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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/910,053	07/23/2001	Chih-Yu Ting		2341

7590 06/19/2003  
Chih-Yu Ting  
P.O. Box 82-144  
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TAIWAN

EXAMINER

BLACKMAN, ROCHELLE ANN J

ART UNIT	PAPER NUMBER
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2851

DATE MAILED: 06/19/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/910,053

Applicant(s)

TING, CHIH-YU

Examiner

Rochelle Blackman

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 29 November 2002.
- 2a) ☒ This action is FINAL. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 4 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 4 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☒ The proposed drawing correction filed on 29 November 2002 is: a) ☒ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Claim Objections*

Claim 4 is objected to because of the following informalities: On line 7 of the claim, the word - -of- - should be between "insulation" and "a". On line 9 of the claim, "combination" should be - -continuation- -. Appropriate correction is required.

### *Claim Rejections - 35 USC § 102*

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

1. Claim 4 rejected under 35 U.S.C. 102(b) as being anticipated by Kuno et al., U.S. Patent Application Publication No. 2002/0145676.

Kuno discloses "structure of a chip package for a digital photographic lens device having a lens assembly"(see FIGS. 1-6(A)), a "flexible circuit board"(see 2 of FIGS. 1, 3, sheet 4 of 9 drawing sheets, which is considered to FIG. 4, however not labeled, and 6(A)); a "hard thing plate"(see 6 of FIGS. 1 and 4), said assembly includes a "top housing"(see 4 and 5 of FIGS. 1, 2, and 4-6(A)), a "lens in said top housing"(see 3 of FIGS. 1, 2, and 4-6(A)), a "chip mounted under said top housing"(see 1 of FIGS. 1, 4,

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and 6(A)), "said assembly being mounted on said flexible circuit board"(see "lens" 3, "top housing" 4 and 5, and "chip" 1 relative to "flexible circuit board" 2), "said flexible circuit board being connected to a back panel of said digital photographic lens device and being mounted with said hard thin plate to provide supporting strength and insulation a connection thereof, said hard thin plate being mounted on a bottom of said flexible circuit board"(see pg. 4, paragraph [0070]); "said flexible circuit board having electrically conductive connection points printed onto a combination strap body so that said flexible circuit board is pre-fabricated and packed into a reel, facilitation production process, a surface of said flexible circuit board being a layout with flexible electrical connection circuit of related circuit"(see pg. 3, paragraphs [0055] and [0059]).

2. Claim 4 rejected under 35 U.S.C. 102(b) as being anticipated by Shinomiya, U.S. Patent Application Publication No. 2001/005073.

Shinomiya discloses "structure of a chip package for a digital photographic lens device having a lens assembly"(see FIGS. 1-12), a "flexible circuit board"(see 1 of FIGS. 1-12); a "hard thing plate"(see 2a,b of FIGS.5-9, 11, and 12), said assembly includes a "top housing"(see 4, 5, and 13 of FIGS. 1, 3, 4, 6-9, and 12), a "lens in said top housing"(see 6 of FIGS. 3, 4, and 6-9), a "chip mounted under said top housing"(see 9-12 of FIGS. 3-10), "said assembly being mounted on said flexible circuit board"(see paragraphs [0036] and [0038]), "said flexible circuit board being connected to a back panel of said digital photographic lens device and being mounted with said hard thin plate to provide supporting strength and insulation a connection thereof, said hard thin

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plate being mounted on a bottom of said flexible circuit board"(see FIGS. 6 and 7 and paragraph [0047]) "said flexible circuit board having electrically conductive connection points printed onto a combination strap body so that said flexible circuit board is pre-fabricated and packed into a reel, facilitation production process, a surface of said flexible circuit board being a layout with flexible electrical connection circuit of related circuit"(see paragraphs [0044]-[0045] and [0053]-[0054]).

### ***Response to Arguments***

Applicant's arguments filed November 29, 2002 have been fully considered but they are not persuasive.

Applicant has requested the Examiner to draft one or more allowable claims for applicant, if the Examiner finds patentable subject matter disclosed in this application. The Examiner regrets no constructive assistance can be provided as no patentable subject matter can be identified in Applicant's disclosure. It is clear Kuno and Shinomiya disclose the "claimed" invention.

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rochelle Blackman whose telephone number is (703) 308-2879. The examiner can normally be reached on M-F 8:00-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Russell Adams can be reached on (703) 308-2847. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



RUSSELL ADAMS  
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